

Environmental Improvement and Energy Resources Authority

State Revolving Fund

Energy Efficiency Loans
Program

Private Activity Bonds

Market Development

Missouri Brownfields Revolving Loan Fund

Missouri Market Development Program: Fiscal Year 2002 Financial Assistance Projects



USA Recycling (St. Louis)

USA Recycling was awarded \$50,000 to purchase a grinder to expand their existing wood waste and pallet recovery operation. USA Recycling recycles over 1 million pallets each year. Unusable wood scrap is made into mulch or charcoal. The new grinder will enable the company to handle their increasing volume and meet tremendous market demand for colored hardwood mulch. USA Recycling anticipates diverting 22,000 tons of wood waste annually and creating 8 new full time jobs with this expansion project.



Magic Green Corporation (Silex)

Magic Green Corporation was awarded \$50,000 to purchase four 200 ton tanks for use in their calcium fines recycling business. Magic Green has discovered and patented an innovative way to produce fertilizer from an industrial waste -- cement kiln dust. Drought motivated the company president, a soybean farmer, to discover an alternative to traditional fertilizers that create a salt build up in soil and inhibit water uptake by plants. Magic Green anticipates diverting 50,000 tons of industrial waste annually and creating 10 new full time jobs with this project.



PK Insulation (Joplin)

PK Insulation was awarded \$50,000 to purchase a 42" pre-shredder to help the company double its cellulose insulation production capacity. PK Insulation uses post consumer newsprint, office paper and cardboard to produce its insulation product and has experienced significant market growth over the past 15 years. The company anticipates diverting an additional 1,000 tons each year and creating 5 new full time jobs with this expansion project.



Bryant Plastics, Inc. (Gainesville)

Bryant Plastics was awarded \$32,500 to purchase a large material grinder to expand their PVC plastic recovery and conversion operation. Bryant Plastics has been an innovator in the manufacturing PVC pipe for use as sewer pipe, air return ducts, well drilling pipe, irrigation pipe and conduit. The new grinder will enable the company to accept up to 12" diameter waste PVC, large pieces currently beyond their grinding capability. Bryant Plastics estimates they will divert an additional 250 tons of waste and create 2 new full time jobs with this project.



Apple Cabinets, Inc. (Seymore)

Apple Cabinets was awarded \$22,425 to purchase a grinder that will enable the company to convert wood waste from their existing cabinet production operation into animal bedding. Apple Cabinets currently generates approximately 30 tons of wood waste each year and has located committed end markets for all of the bedding that will be produced with this project. Apple Cabinets anticipates creating one new full time job with this project.



Welch Products, Inc. (Macon)

Welch Products was awarded \$50,000 to procure equipment for the production of playground safety tiles and anti-vegetation mats made from recycled tire crumb rubber. Welch Products currently produces the rubber mats at their Iowa plant and would like to expand this operation to its newly acquired Missouri location. The company anticipates diverting 16,000 tons of waste each year and creating 8 new full time jobs with this project.



BioSpan Technologies, Inc. (Washington)

BioSpan Technologies was awarded \$50,000 to purchase equipment necessary to process waste tires and other materials into a compound that will activate spent asphalt millings currently deposited in piles throughout the state. The resulting compound will convert the recovered millings into a new paving material for use as pothole or rut patching material, or as a cold mix pavement layer. BioSpan anticipates diverting 10,000 tons of waste annually and creating 5 new full time jobs with this project.



D.M.R. Plastics, Inc. (Bolckow)

DMR Plastics was awarded \$50,000 to purchase a plastics shredder that will enable the business to take large pieces of HDPE, LDPE, and PP that would normally be sent to the landfill, reduce the size of these large pieces, and run them through its existing plastics granulators. The regrind will then be sold to manufacturers and reused in the manufacture of new products. The company believes this project will divert 500 additional tons of waste each year and create 2 new full time jobs.



Second Chance Materials (Defiance)

Second Chance Materials was awarded \$44,188.50 to purchase equipment that will enable the company to accept production scrap for processing that is contaminated with metal. Second Chance processes PVC scrap from several generators but has been unable to successfully hand-sort scrap that is likely to be contaminated. Because the smallest chip of metal will produce over a pound of reject regrind, most of the contaminated scrap is currently landfilled. Second Chance anticipates diverting 35 tons annually and creating 2 new full time jobs with this project.

Loganbill Shavings and Mulch (Versailles)

Loganbill Shavings and Mulch was awarded \$50,000 to purchase a mulch/bark blower to develop and expand the market capacity of recycled wood wastes and organic wastes by using the blower for the installation of these materials. The new equipment will enable the company to expand its mulch and shavings operation to include compost production. Loganbill Shavings and Mulch anticipates diverting up to 3,750 tons of waste annually.



and creating 2 new full time jobs with this project.



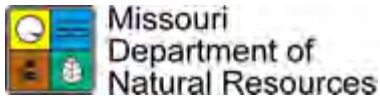
Missouri Hardwood Products, LLC (Brighton)
Missouri Hardwood Products was awarded \$50,000 to purchase equipment to enable the business to convert lumber that is currently scrapped when manufacturing oak staves into hardwood flooring. Typical hardwood flooring mill lines cannot accept pieces of lumber for planing and ripping that are less than 8' in length. The new equipment will plane and rip to width pieces of lumber that are as short as 9" in length. Missouri Hardwoods anticipates diverting 1,462 tons annually and creating 5 new full time jobs with this project.



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